

ABSTRACT

A method for resource control including resource stealing is disclosed, the method including assigning a resource to a holding task, receiving a request by a higher priority task to take the resource, the higher priority task having higher priority than the holding task, determining whether the holding task has used the resource since the resource was assigned to the holding task, releasing the resource when the higher priority task requests to take the resource and the holding task has not used the resource since the resource was assigned to the holding task; and assigning the resource to the higher priority task.